

Converting Colors

$Yxy(28.8687, 0.2643, 0.3183)$

Have a look what the booklet for
Yxy(28.8687, 0.2643, 0.3183)
contains.

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Color

$\text{Yxy}(28.7486, 0.2639, 0.3170)$

Conversions

Conversions Part 1

Format	Color
Hex	6A9AA1
RGB	106, 154, 161
RGB Percent	42%, 60%, 63%
CMY	0.5843, 0.3961, 0.3686
CMYK	0.34, 0.04, 0.00, 0.37
HSL	188°, 23%, 52%
HSV	188°, 34%, 63%
XYZ	23.9330, 28.7486, 38.0080
YIQ	140.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

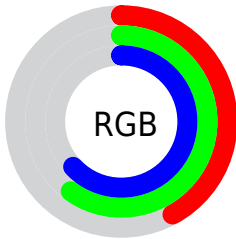
Format	Color
R_{YB}	106, 132, 161
Decimal	6986401
CIE _{Lab}	60.56, -14.26, -8.82
CIE _{LCh}	61, 16.770, 211.744
Yxy	28.7486, 0.2639, 0.3170
Android (android.graphics.Color)	4285176481 (0xFF6A9AA1)
YUV	140.4460, 10.1331, -30.2091
Hunter-Lab	53.6177, -14.1552, -4.4965

Details

The Yxy color **28.7486, 0.2639, 0.3170** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4304, 0.3868, 0.3405**, and the grayscale version is **26.3778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4405, 0.2734, 0.3189**, and **11.6385, 0.2471, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **27.1831, 0.2517, 0.3130**, and if you desaturate by 10%, it is **30.5131, 0.2773, 0.3208**.

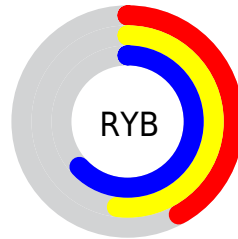
Distribution



Red (42%)

Green (60%)

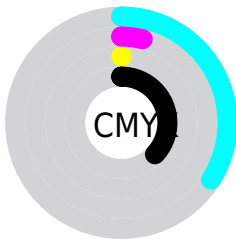
Blue (63%)



Red (42%)

Yellow (52%)

Blue (63%)

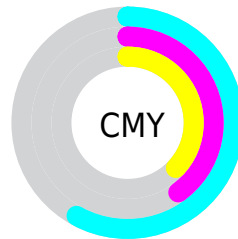


Cyan (34%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (40%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7486, 0.2639, 0.3170 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 28.7486, 0.2639, 0.3170 by changing the saturation by 10% instead.

■ 28.7486, 0.2639,
0.3170

■ 28.7486, 0.2639,
0.3170

■ 296.0269, 0.2899,
0.3239

■ 18.8907, 0.2569,
0.3149

■ 57.6774, 0.2737,
0.3198

■ 11.5913, 0.2475,
0.3120

■ 77.5172, 0.2773,
0.3207

■ 6.4661, 0.2344,
0.3076

■ 101.4530, 0.2803,
0.3215

■ 3.1305, 0.2149,
0.3005

■ 129.8692, 0.2828,
0.3221

■ 1.2002, 0.1825,
0.2871

■ 163.1504, 0.2850,
0.3227

■ 0.0619, 0.0000,
0.0830

■ 201.6808, 0.2868,

■ 0.0000, 0.0000,

0.3232

0.0000

245.8448, 0.2884,
0.3236

■ 28.7486, 0.2639,
0.3170

■ 28.7486, 0.2639,
0.3170

■ 27.1831, 0.2517,
0.3130

■ 30.5131, 0.2773,
0.3208

■ 25.8028, 0.2409,
0.3087

■ 32.4829, 0.2916,
0.3244

■ 24.5973, 0.2318,
0.3044

■ 34.6681, 0.3064,
0.3277

■ 23.5539, 0.2244,
0.3000

■ 37.0770, 0.3216,
0.3307

■ 22.6578, 0.2190,
0.2956

■ 39.7177, 0.3369,
0.3334

■ 21.8912, 0.2153,
0.2912

■ 42.5977, 0.3520,
0.3359

■ 21.4772, 0.2135,
0.2887

■ 45.7242, 0.3668,
0.3380

■ 49.1040, 0.3812,
0.3399

■ 52.7439, 0.3951,
0.3415

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.7486, 0.2789, 0.3431



28.7486, 0.2639, 0.3170



28.7486, 0.2614, 0.2958

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.7486, 0.2639, 0.3170



28.7486, 0.3206, 0.2957



28.7486, 0.3543, 0.3745

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.7486, 0.2639, 0.3170



20.4304, 0.3868, 0.3405

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



28.7486, 0.3667, 0.3593



28.7486, 0.2639, 0.3170



28.7486, 0.3469, 0.3146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.7486, 0.2639, 0.3170



28.7486, 0.2931, 0.2849



28.7486, 0.3641, 0.3374



28.7486, 0.3308, 0.3775

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.7486, 0.2639, 0.3170



28.7486, 0.2669, 0.2871



28.7486, 0.3641, 0.3374



28.7486, 0.3599, 0.3705

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.7497, 0.2639, 0.3170



59.6774, 0.2974, 0.3258



29.7354, 0.3030, 0.4163



12.9772, 0.2955, 0.3253



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.7497, 0.2639, 0.3170



49.3187, 0.2545, 0.3139



20.8394, 0.2578, 0.2689



7.8567, 0.2988, 0.3261



17.1931, 0.2136, 0.2891



0.4014, 0.2180, 0.3048

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.2198, 0.3250, 0.2559



31.9132, 0.3284, 0.2400



27.3517, 0.3728, 0.3824



7.1866, 0.3156, 0.3096



7.5798, 0.3552, 0.1730



0.1633, 0.3412, 0.1653

Previews

White Background



This preview shows how the Yxy color 28.7486, 0.2639, 0.3170 looks on a white background.

Color Contrast Check

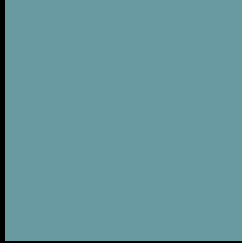
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 28.7486, 0.2639, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

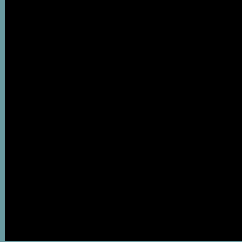
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7486, 0.2639, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 28.7486, 0.2639, 0.3170.



This preview shows how white text looks on a background with the Yxy color 28.7486, 0.2639, 0.3170.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.7486, 0.2639, 0.3170

Protanopia

28.6371, 0.3032, 0.3132

Deuteranopia

28.6056, 0.3008, 0.2954



Tritanopia

28.6614, 0.2608, 0.3071

Trichromacy



Original Color

28.7486, 0.2639, 0.3170

Protanomaly

28.4394, 0.2877, 0.3143

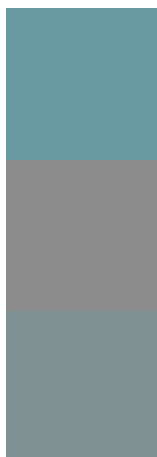
Deuteranomaly

28.3530, 0.2862, 0.3018

Tritanomaly

28.5886, 0.2622, 0.3104

Monochromacy



Original Color

28.7486, 0.2639, 0.3170

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.9781, 0.2926, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7486, 0.2639, 0.3170 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(106, 154, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 154, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.7486, 0.2639, 0.3170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 154, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 154, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 154, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(106, 154,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7486, 0.2639, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 154, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
154, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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